

Docket No. 130924.62121

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/717,246  
Applicants : Adams et al.  
Confirmation No. : 7752.  
Filed : November 18, 2003  
TC/A.U. : 1762  
Docket No. : 130924.62121  
Customer No. : 56,466

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**MAR 28 2006**

**TITLE: METHOD FOR PREPARING SURFACE-MODIFIED SEMICONDUCTIVE AND  
METALLIC NANOPARTICLES HAVING ENHANCED DISPERSIBILITY IN AQUEOUS  
MEDIA**

ELECTION UNDER 37 C.F.R. §§ 3.71 AND 3.73 AND POWER OF ATTORNEY

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned, being Assignee of record of the entire interest in the above-identified application by virtue of an assignment recorded in the United States Patent and Trademark Office as set forth below, hereby elects, under 37 C.F.R. § 3.71, to prosecute the application to the exclusion of the inventor.

The Assignee hereby revokes any previous Powers of Attorney and appoint the attorneys and agents associated with Customer Number 56,466, for so long as they remain with such company or firm, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments therein, to transact all business in the Patent and Trademark Office in connection therewith, to receive the Letters Patent document, and for

PT: #254310 v1 (SG06011.DOC)

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one year after the issuance of such Letters Patent to file any request for a certificate of correction that may be deemed appropriate.

Pursuant to 37 C.F.R. § 3.73, the undersigned has reviewed the evidentiary documents, specifically the Assignment to Invitrogen Corporation, referenced below, and certifies that to the best of my knowledge and belief, title remains in the name of the Assignee.

Please direct all future communications regarding this application as follows:

Customer Number 56,466  
Pepper Hamilton LLP  
One Mellon Bank Center  
500 Grant Street  
Pittsburgh, PA 15219-2502

ASSIGNEE: Invitrogen Corporation

By:   
Name: Christopher J. Buntel, Ph.D., J.D.  
Title: Intellectual Property In-House Counsel  
Date: 28 Mar 2006

ASSIGNMENT:

Concurrently filed  
 Previously recorded  
Date: April 23, 2001  
Reel: 011739  
Frames: 0961

Docket No. 130924.62121

STATEMENT UNDER 37 C.F.R. 3.73(B)

Applicant/Patent Owner: Adams et al.

Application No./Patent No.: 10/717,246

Filed/Issue Date: November 18, 2003

Entitled: METHOD FOR PREPARING SURFACE-MODIFIED SEMICONDUCTIVE AND METALLIC NANOPARTICLES HAVING ENHANCED DISPERSIBILITY IN AQUEOUS MEDIA.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Invitrogen Corporation (name of assignee), a corporation (type of organization), states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either.

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B.  A chain of title from the inventor(s) of the patent application/patent identified above to the current assignee as shown below:

1. From: Adams et al. To: Quantum Dot Corporation

The document was recorded in the Patent and Trademark Office at Reel 011739,  
Frame 0961, or for which a copy thereof is attached.

2. From: Quantum Dot Corporation To: Invitrogen Corp.

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The document was recorded in the Patent and Trademark Office at Reel 016862,  
Frame 0372, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_  
\_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental  
sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e. the original assignment document or a true copy of  
the original document) must be submitted to Assignment Division in accordance  
with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO.

See MPEP 302-302.6]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of  
the assignee.

Signature: 

Typed or printed name: Christopher J. Buntel, Ph.D., J.D.

Title: Intellectual Property In-House Counsel

Date: 28 MAR 06